

Fig. 1

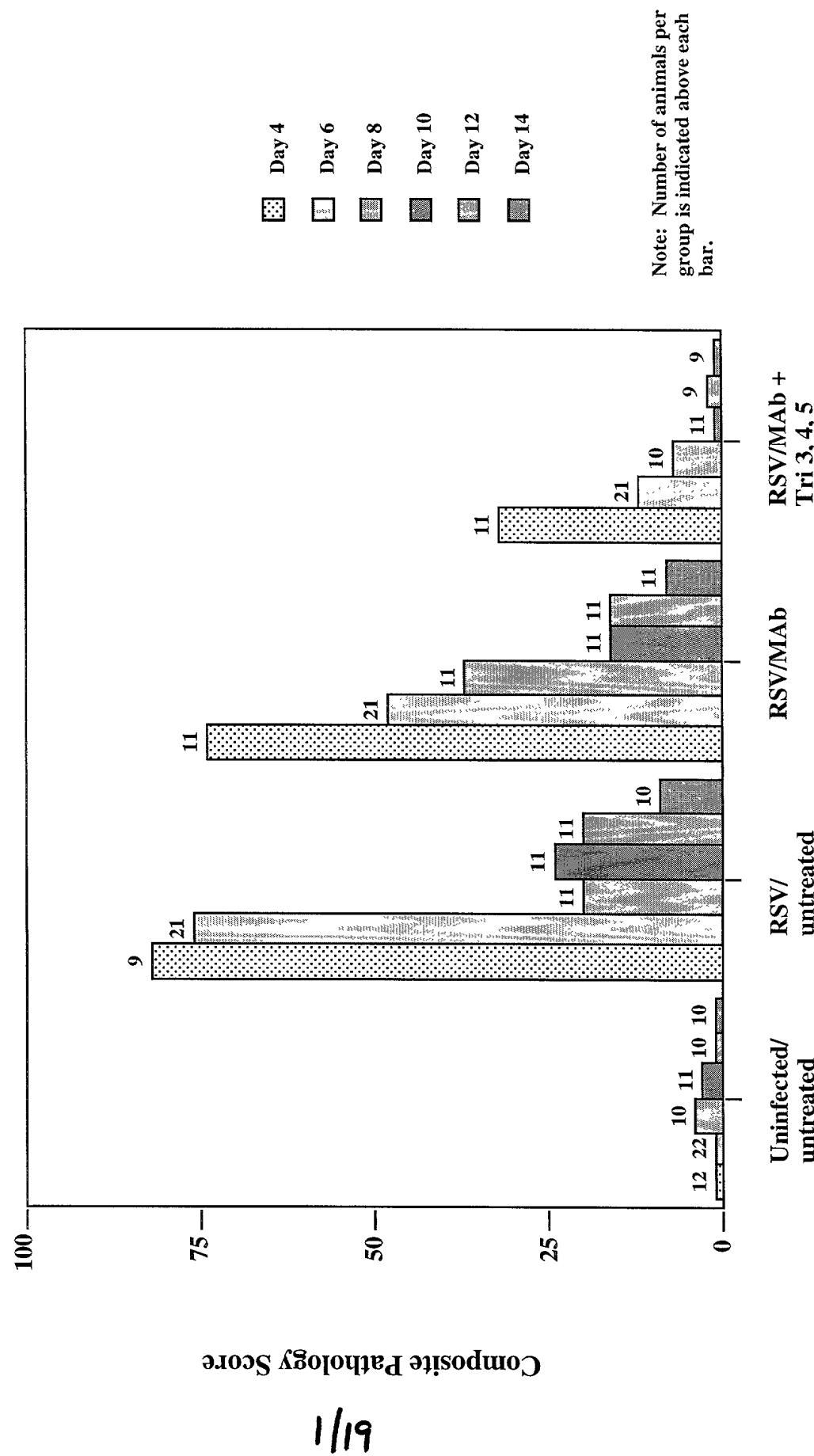
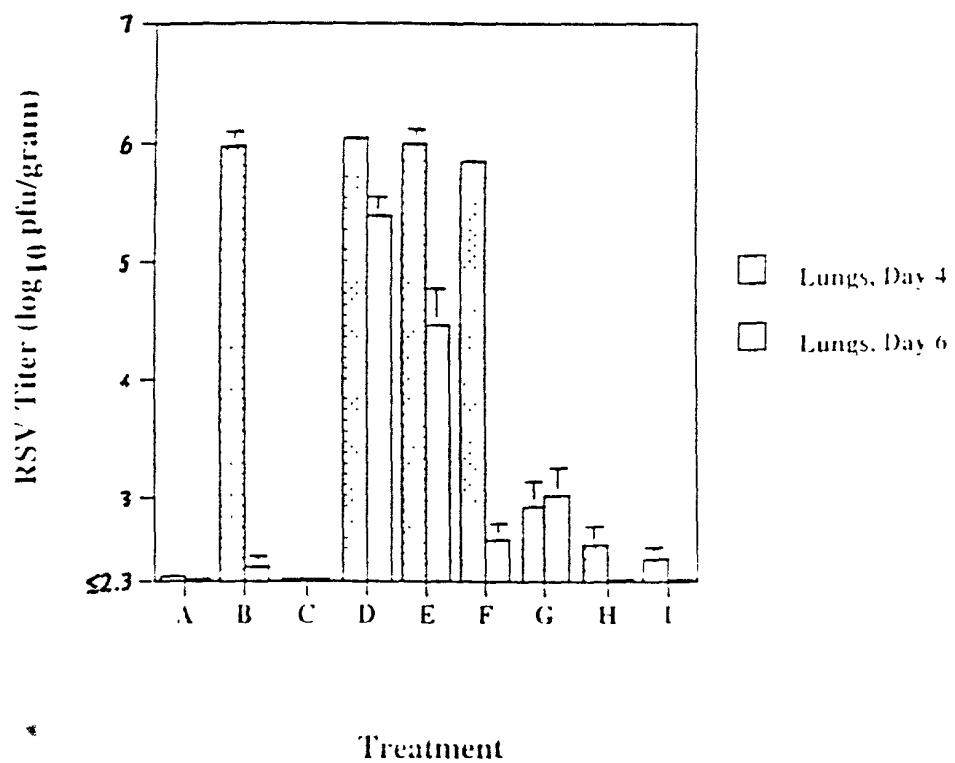


Fig. 2 A

Combined Synagis-triamcinolone Therapy
of RSV Pneumonia in Cotton Rats



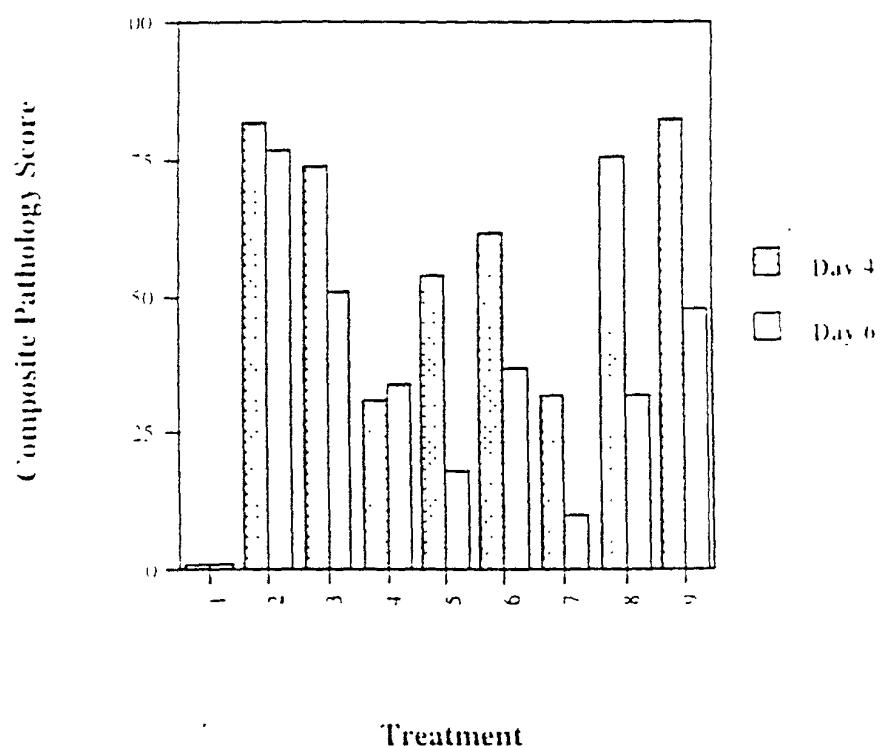
A: uninfected/untreated
B: RSV/untreated
C: RSV/Synagis (15 mg/kg x 1), i.m.
D: RSV/Triamcinolone (16 mg/kg x 3), i.m.
E: RSV/Triamcinolone (4 mg/kg x 3), i.m.
F: RSV/Triamcinolone (1 mg/kg x 3), i.m.
G: RSV/Synagis (15 mg/kg x 1), i.m. + Triamcinolone (16 mg/kg x 3), i.m.
H: RSV/Synagis (15 mg/kg x 1), i.m. + Triamcinolone (4 mg/kg x 3), i.m.
I: RSV/Synagis (15 mg/kg x 1), i.m. + Triamcinolone (1 mg/kg x 3), i.m.

NOTE: THERE WERE 9-12 ANIMALS FOR EACH TIME POINT

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Fig. 2B

Synagis/Triamcinolone Therapy of RSV

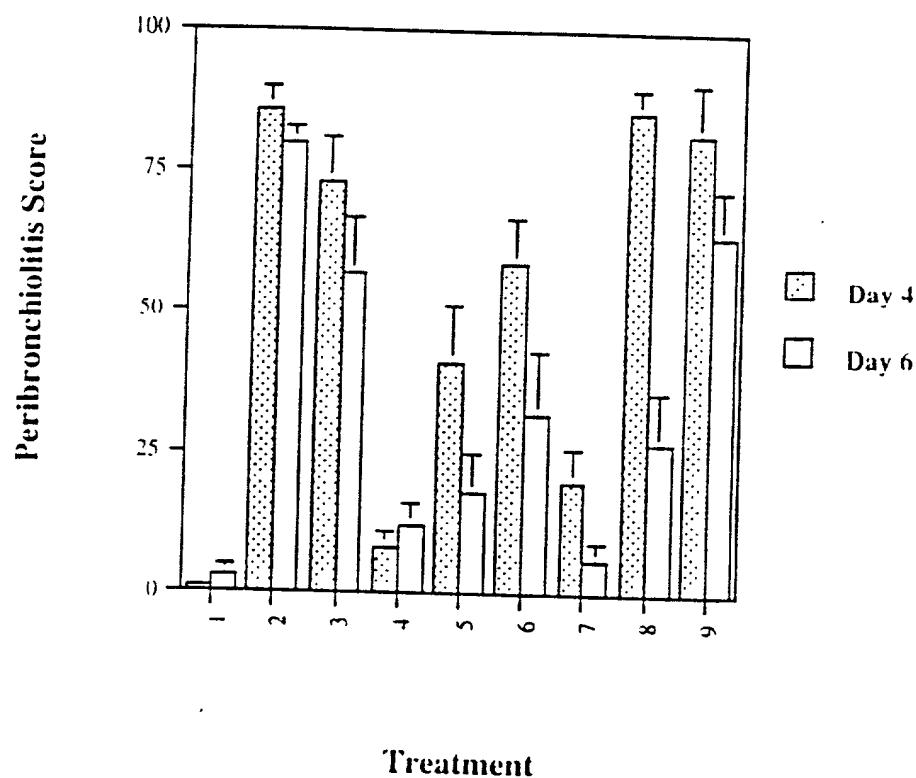


- 1 - Uninfected/untreated
- 2 - RSV/untreated
- 3 - RSV/Synagis (15 mg/kg) i.m.
- 4 - RSV/Triamcinolone (16 mg/kg) i.m.
- 5 - RSV/Triamcinolone (4 mg/kg) i.m.
- 6 - RSV/Triamcinolone (1 mg/kg) i.m.
- 7 - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (16 mg/kg) i.m.
- 8 - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (4 mg/kg) i.m.
- 9 - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (1 mg/kg) i.m.

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Fig. 2 C

Synagis/Triamcinolone Therapy of RSV
Peribronchiolitis

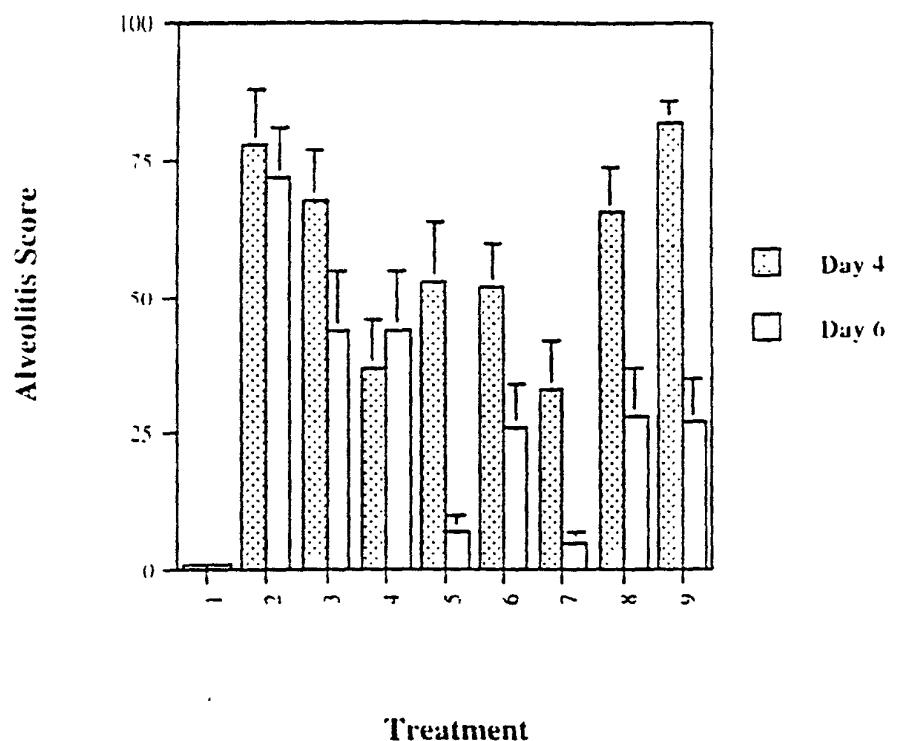


- 1 - Uninfected/untreated
- 2 - RSV/untreated
- 3 - RSV/Synagis (15 mg/kg) i.m.
- 4 - RSV/Triamcinolone (16 mg/kg) i.m.
- 5 - RSV/Triamcinolone (4 mg/kg) i.m.
- 6 - RSV/Triamcinolone (1 mg/kg) i.m.
- 7 - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (16 mg/kg) i.m.
- 8 - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (4 mg/kg) i.m.
- 9 - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (1 mg/kg) i.m.

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Fig. 2 D

Synagis/Triamcinolone Therapy of RSV
Alveolitis

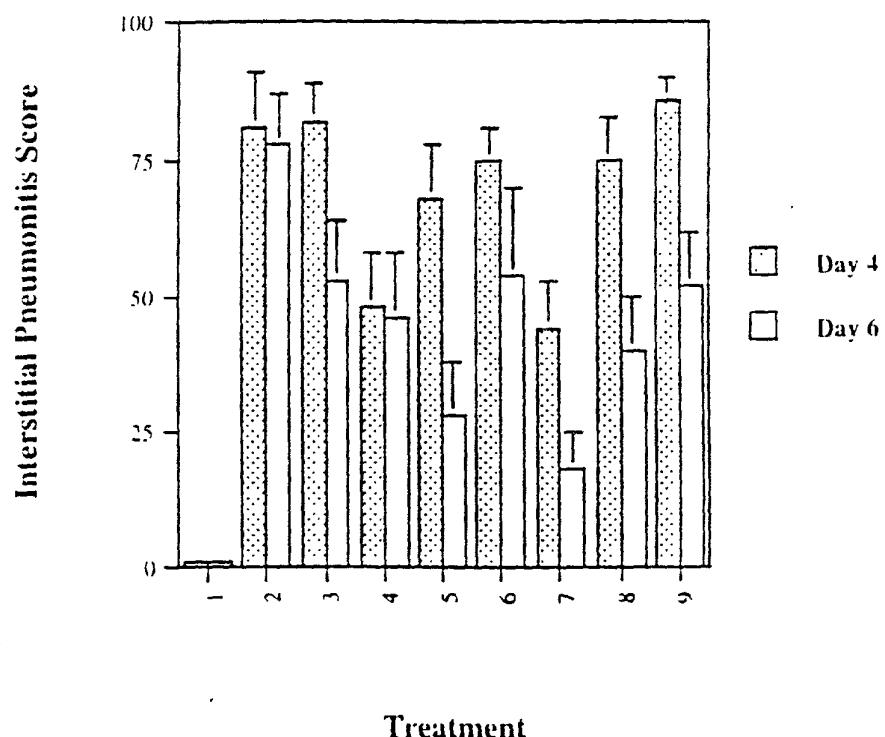


- 1 - Uninfected/untreated
- 2 - RSV/untreated
- 3 - RSV/Synagis (15 mg/kg) i.m.
- 4 - RSV/Triamcinolone (16 mg/kg) i.m.
- 5 - RSV/Triamcinolone (4 mg/kg) i.m.
- 6 - RSV/Triamcinolone (1 mg/kg) i.m.
- 7 - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (16 mg/kg) i.m.
- 8 - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (4 mg/kg) i.m.
- 9 - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (1 mg/kg) i.m.

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Fig. 2 E

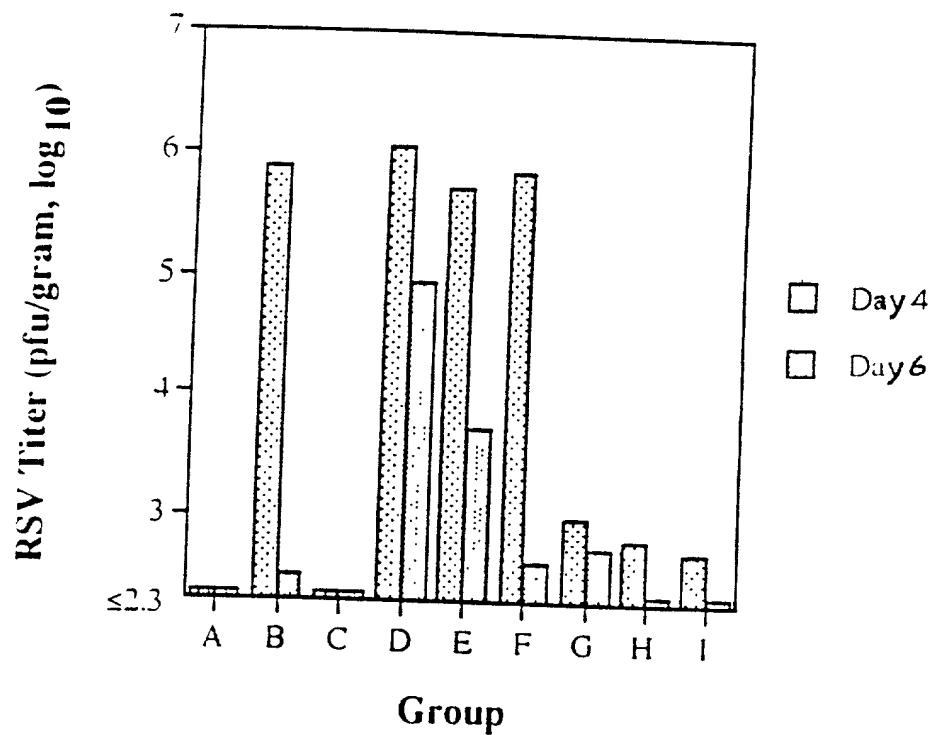
Synagis/Triamcinolone Therapy of RSV
Interstitial Pneumonitis Score



- 1 - Uninfected/untreated
- 2 - RSV/untreated
- 3 - RSV/Synagis (15 mg/kg) i.m.
- 4 - RSV/Triamcinolone (16 mg/kg) i.m.
- 5 - RSV/Triamcinolone (4 mg/kg) i.m.
- 6 - RSV/Triamcinolone (1 mg/kg) i.m.
- 7 - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (16 mg/kg) i.m.
- 8 - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (4 mg/kg) i.m.
- 9 - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (1 mg/kg) i.m.

Fig. 3 A

Combined Synagis-Triamcinolone Therapy in Cotton Rats

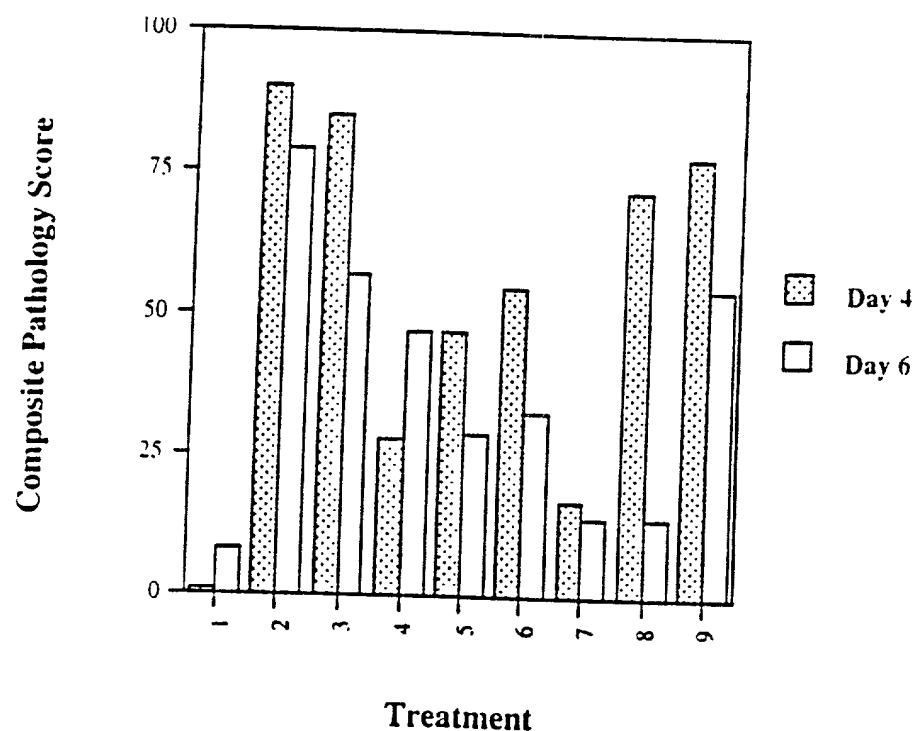


- A - uninfected/untreated
- B - RSV/untreated
- C - RSV/Synagis (15 mg/kg) i.m.
- D - RSV/Triamcinolone (16 mg/kg) i.m.
- E - RSV/Triamcinolone (4 mg/kg) i.m.
- F - RSV/Triamcinolone (1 mg/kg) i.m.
- G - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (16 mg/kg) i.m.
- H - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (4 mg/kg) i.m.
- I - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (1 mg/kg) i.m.

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Fig. 3B

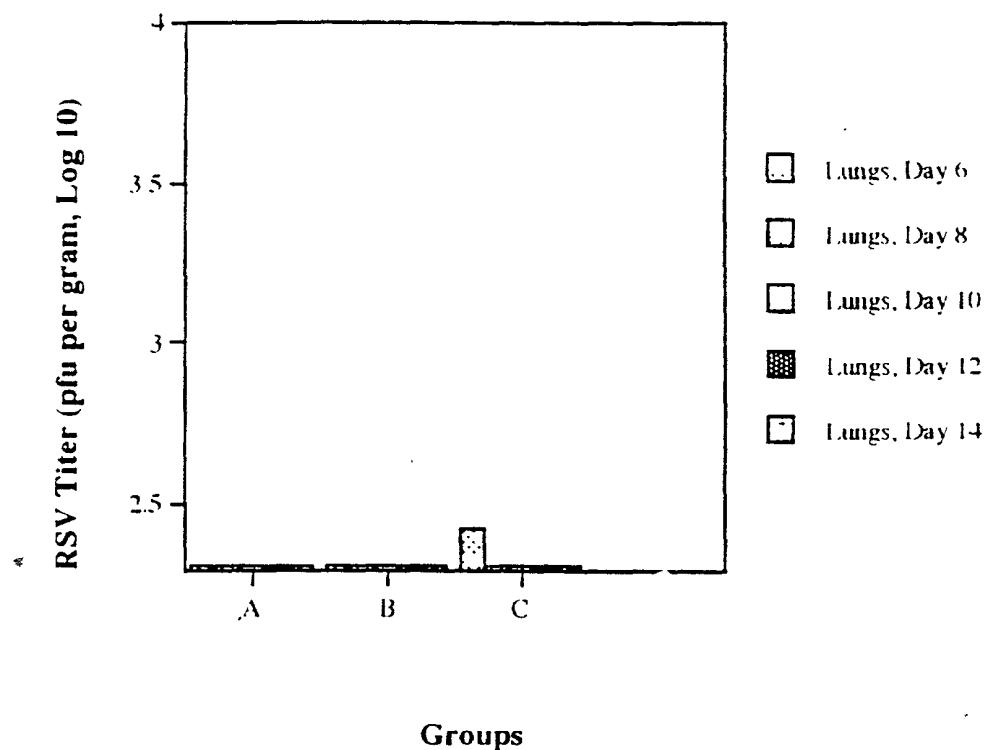
Synagis/Triamcinolone Therapy of RSV



- 1 - Uninfected/untreated
- 2 - RSV/untreated
- 3 - RSV/Synagis (15 mg/kg) i.m.
- 4 - RSV/Triamcinolone (16 mg/kg) i.m.
- 5 - RSV/Triamcinolone (4 mg/kg) i.m.
- 6 - RSV/Triamcinolone (1 mg/kg) i.m.
- 7 - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (16 mg/kg) i.m.
- 8 - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (4 mg/kg) i.m.
- 9 - RSV/Synagis (15 mg/kg) i.m. + Triamcinolone (1 mg/kg) i.m.

Fig. 4A

Combined Synagis-Triamcinolone
Therapy of RSV in Cotton Rats:
Rebound of Histopathology

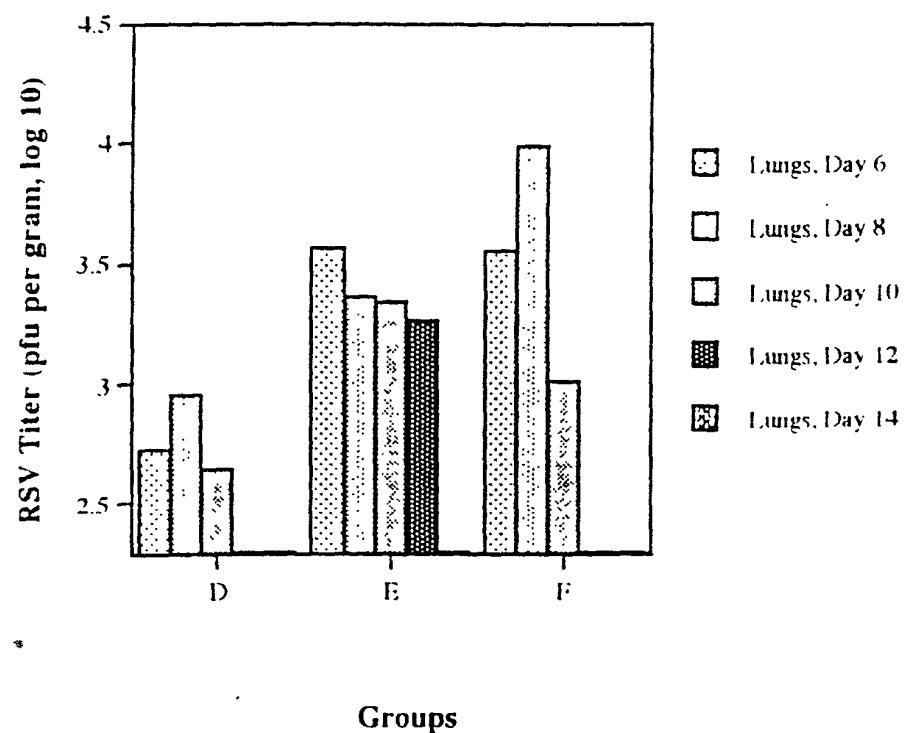


Group A: uninfected/untreated
Group B: RSV/untreated
Group C: RSV/Synagis

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Fig. 4 B

Combined Synagis-Triamcinolone Therapy of RSV
in Cotton Rats: Rebound of Histopathology



Group D: RSV/Synagis-Triam, short-term
Group E: RSV/Synagis-Triam, long-term, high dose
Group F: RSV/Synagis-Triam, long-term, high/low

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Synagis/Triamcinolone therapy of RSV

Fig. 4C

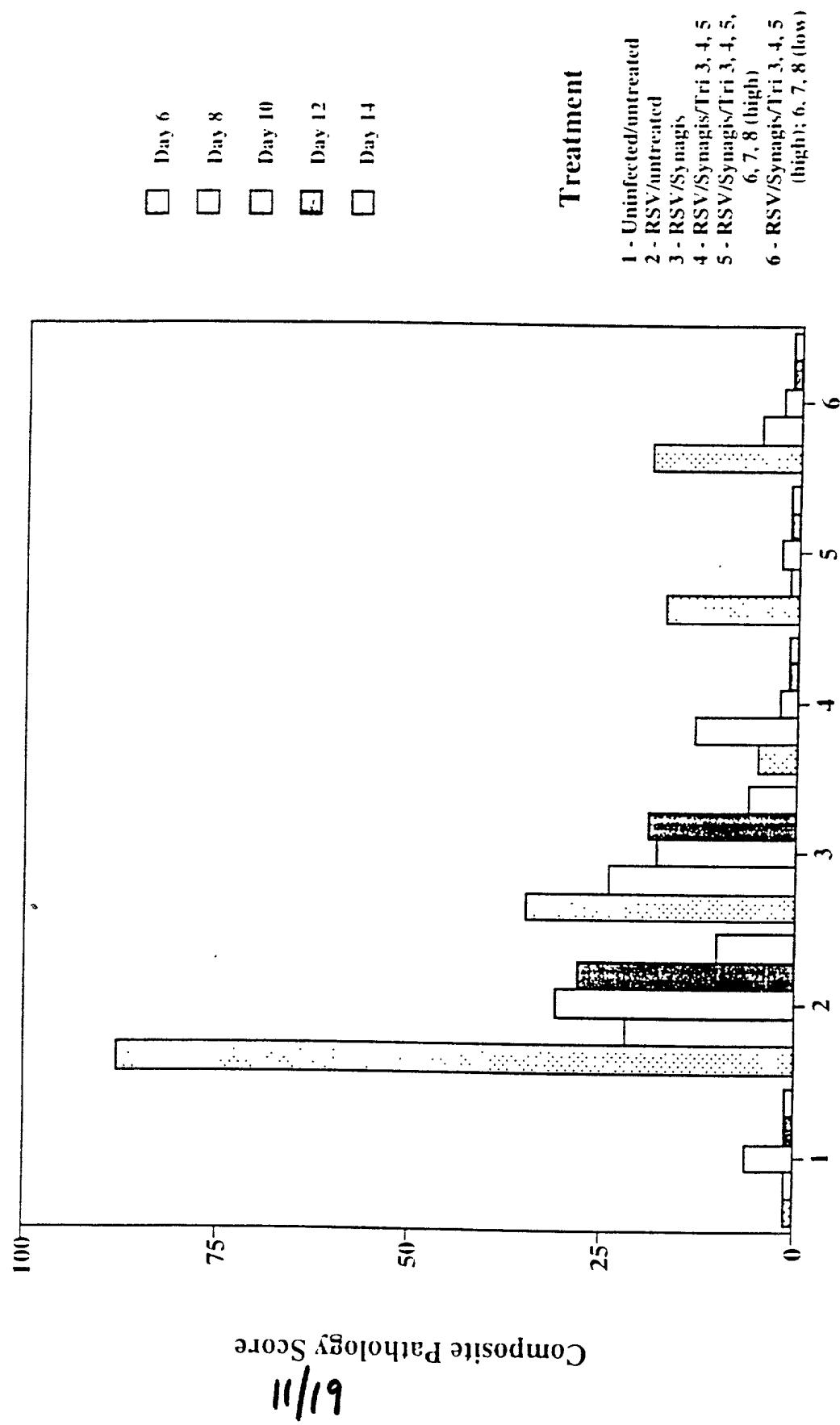
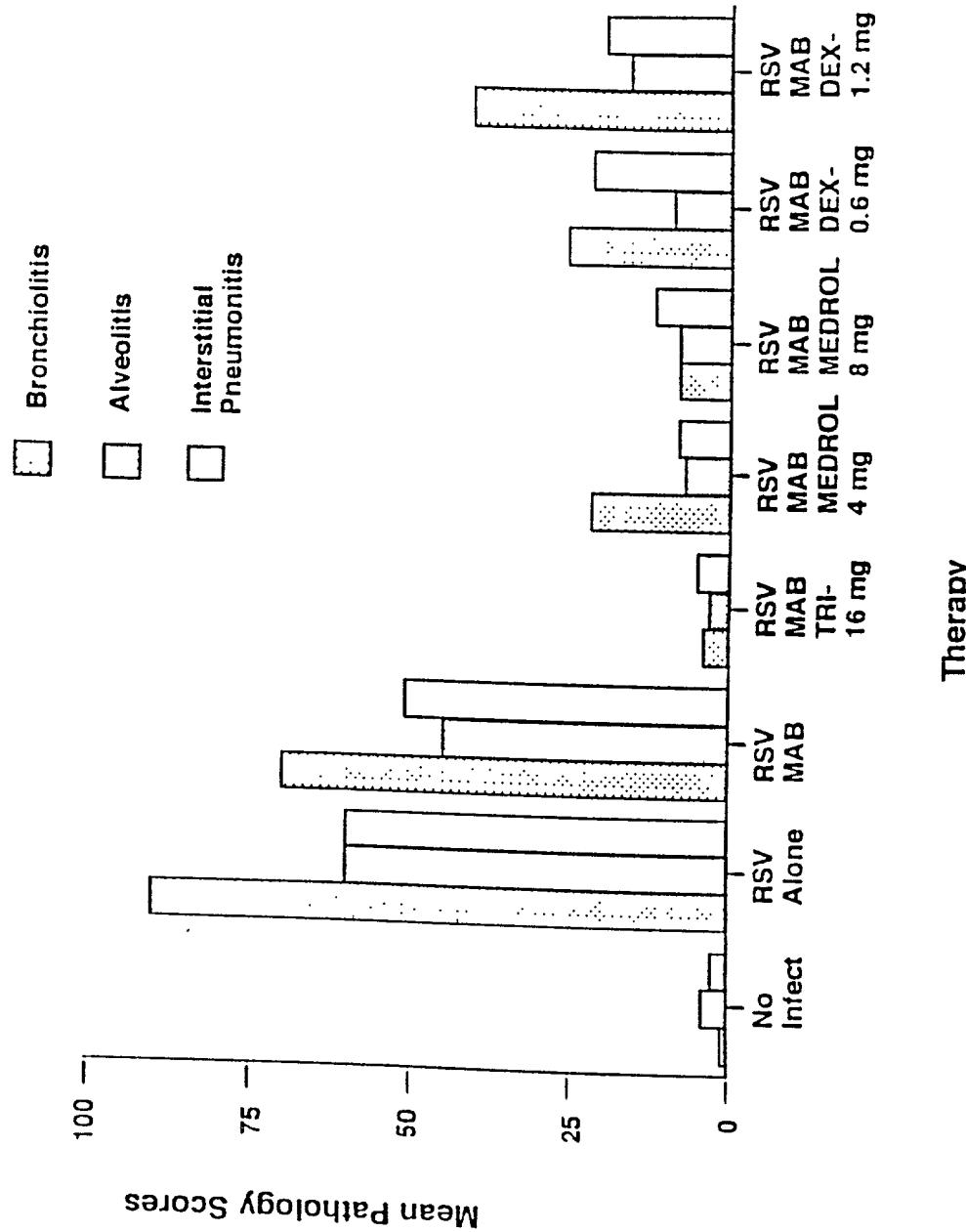


Fig. 5

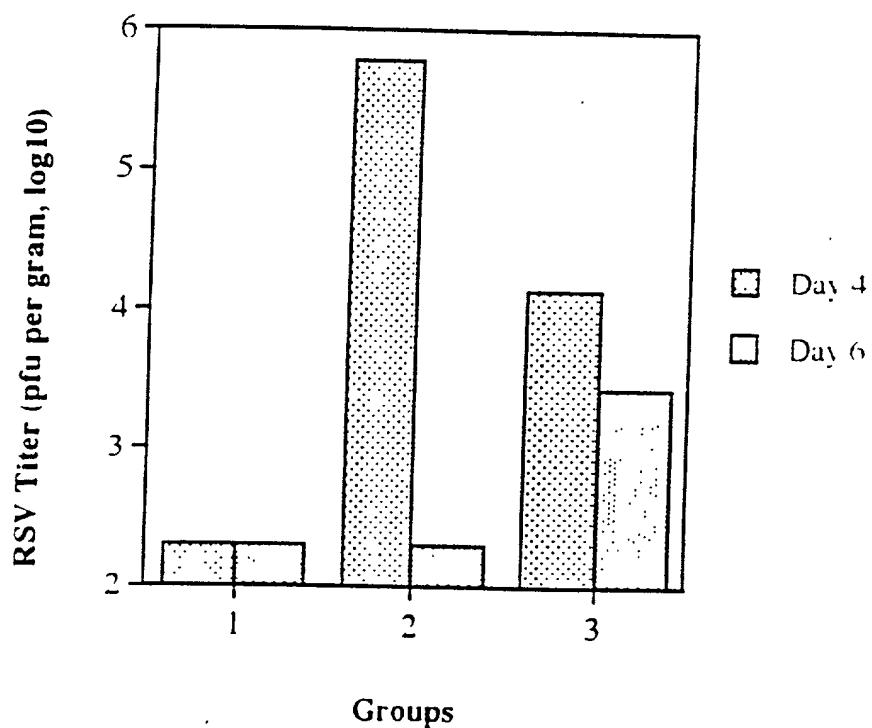
Systemic Steroid Therapy of RSV
(Days 3, 4, and 5 - sac day 6)



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Fig. 6 A

Combined Synagis-steroid Therapy of
RSV Pneumonia in Cotton Rats



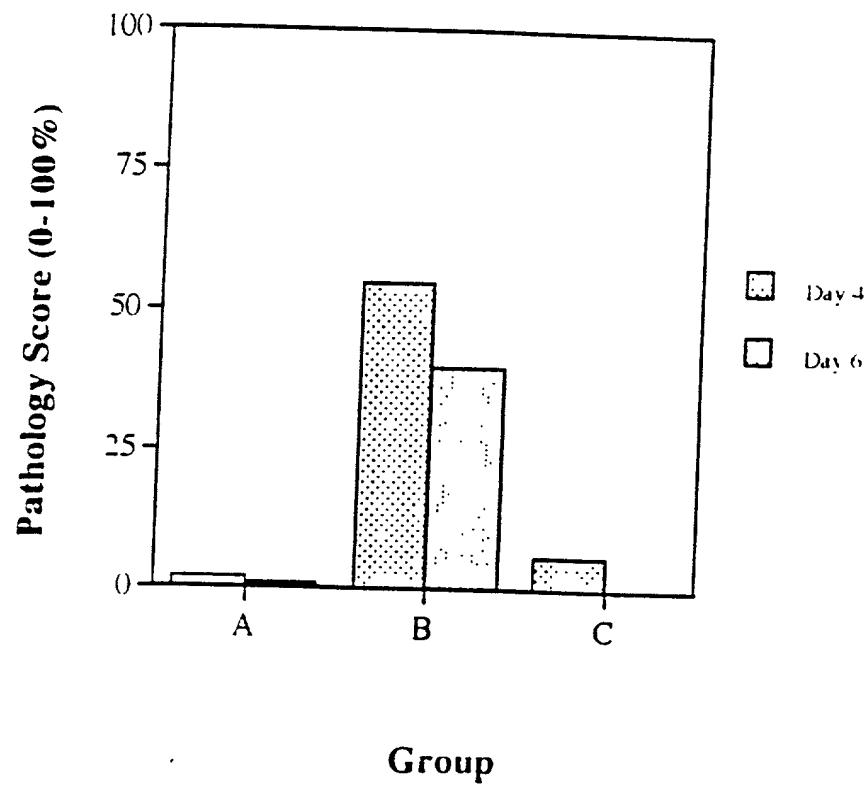
Group 1 - uninfected/untreated

Group 2 - RSV i.n./untreated

Group 3 - RSV i.n./Synagis i.m. (15mg/kg)+Triamcinolone i.m. (16mg/kg)

Fig. 6 B

Combined Synagis-Steroid Therapy of
RSV Pneumonia in Cotton Rats



Group A - uninfected/untreated

Group B - RSV i.n./untreated

Group C - RSV i.n./Synagis i.m.(15mg/kg)+Triamcinolone i.m.(16mg/kg)

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Fig. 6c

RPA's of RSV-Infected Cotton Rat Lungs

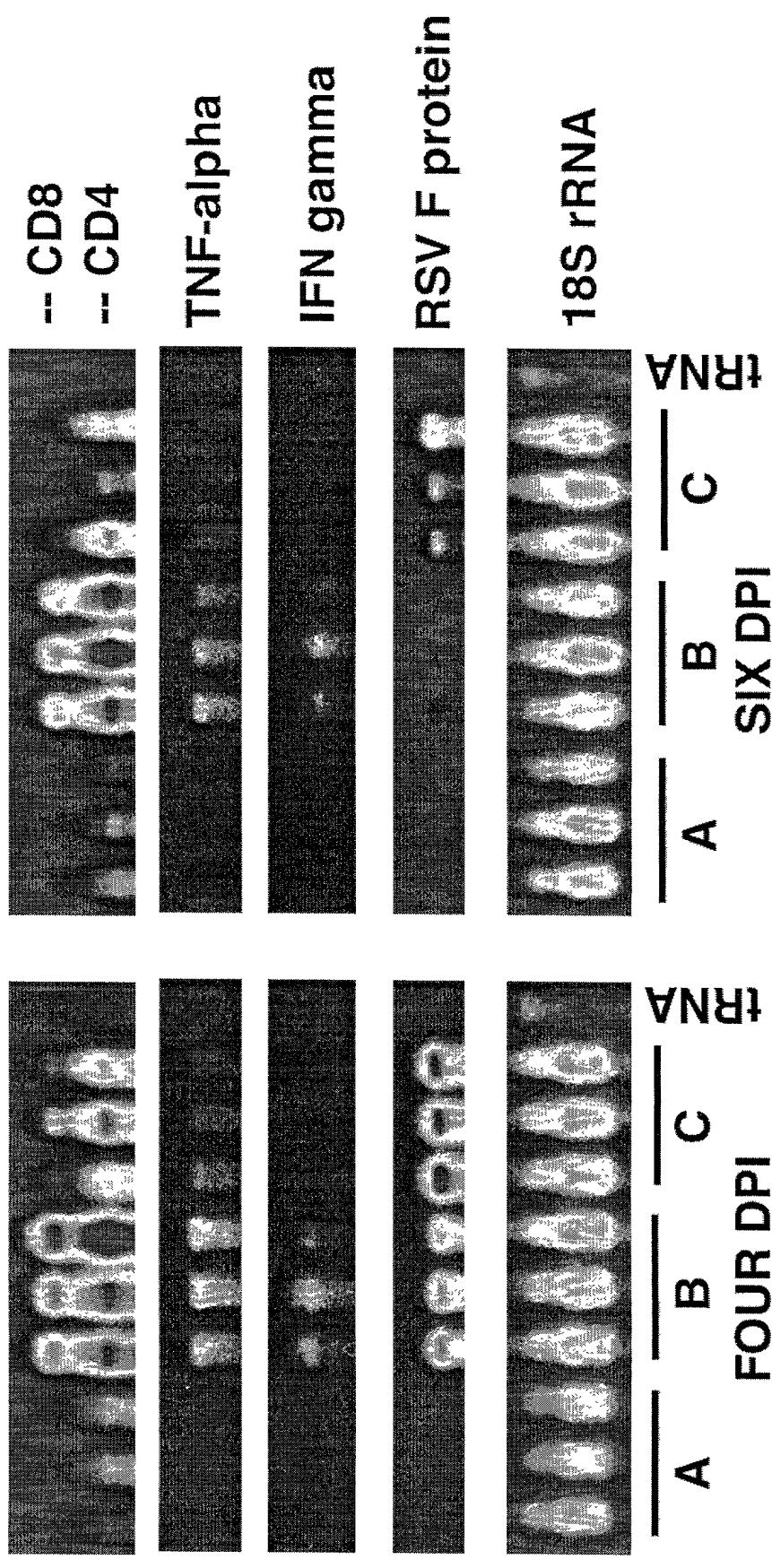
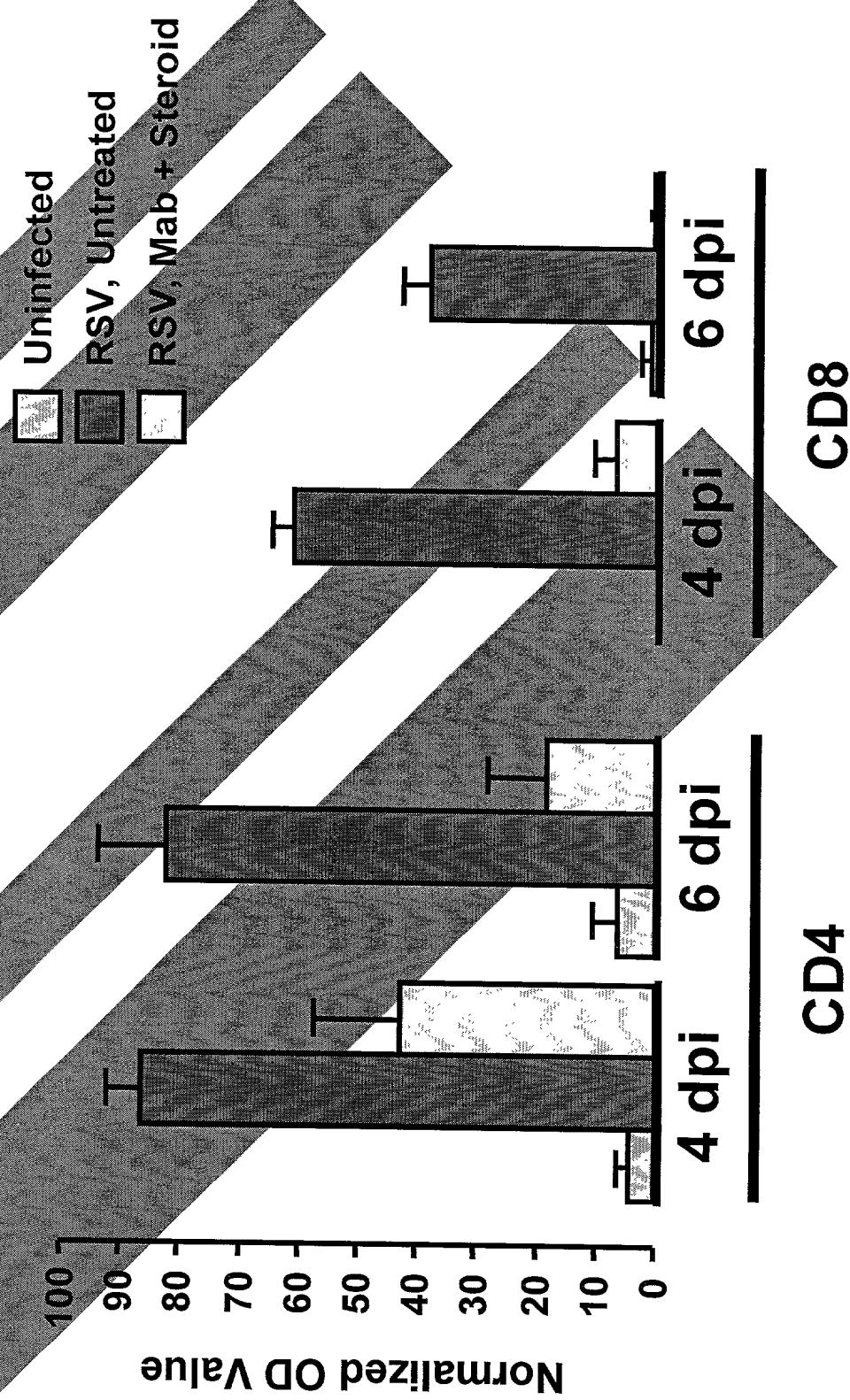


Fig. 6D

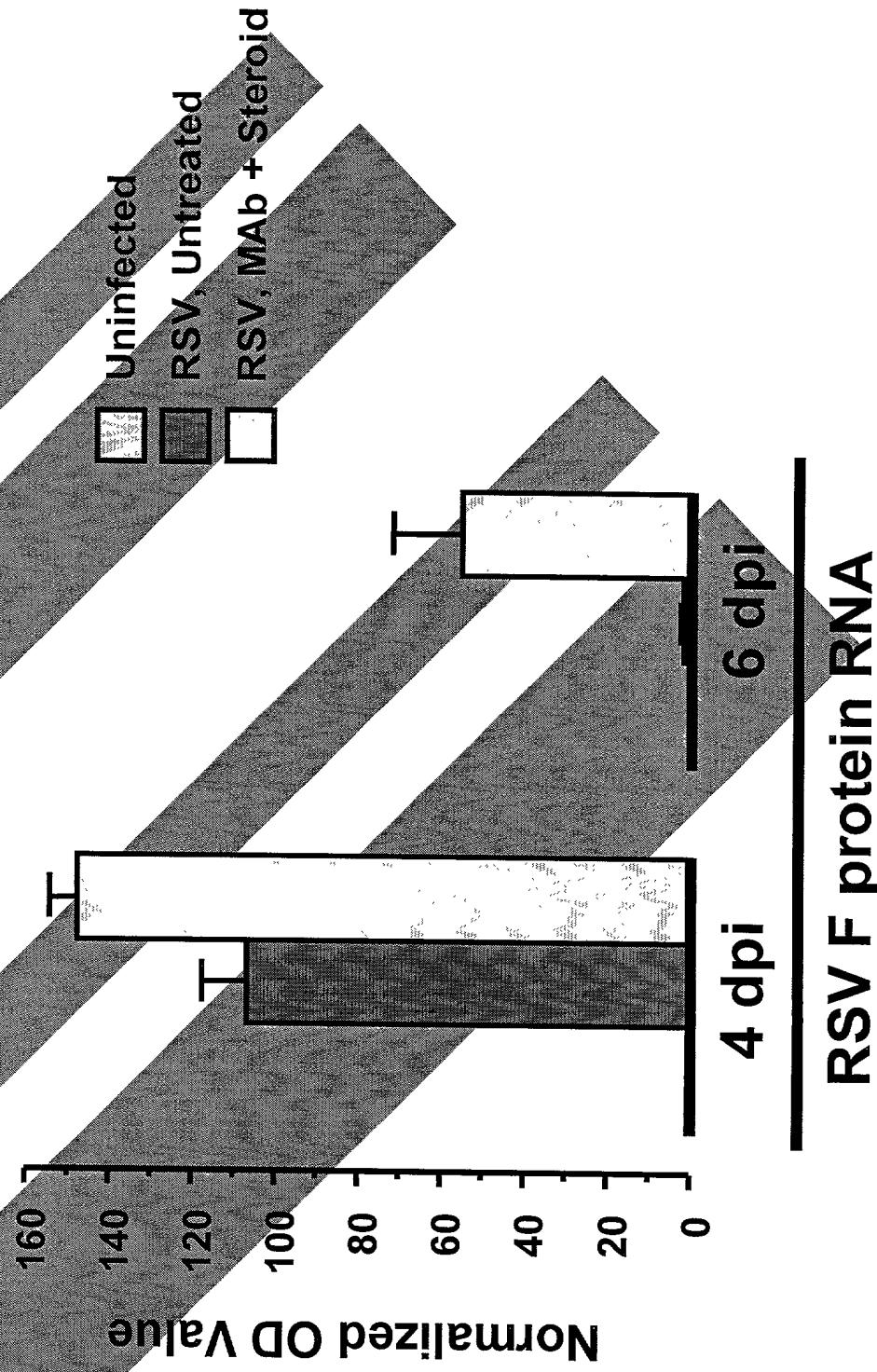
RPA's of RSV-Infected Cotton Rat Lungs



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Fig. 6E

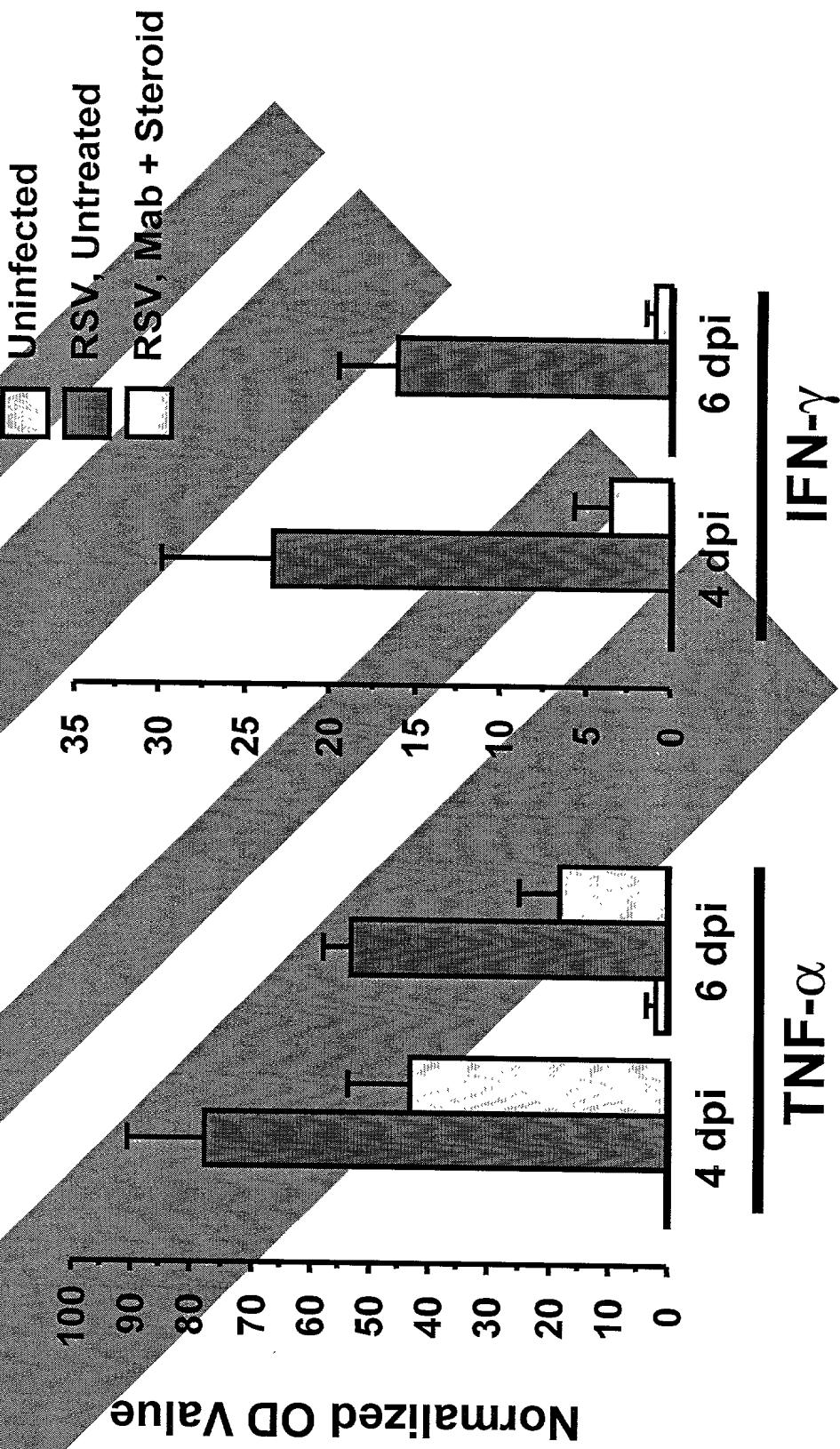
RPA's of RSV-Infected Cotton Rat Lungs



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Fig. 6F

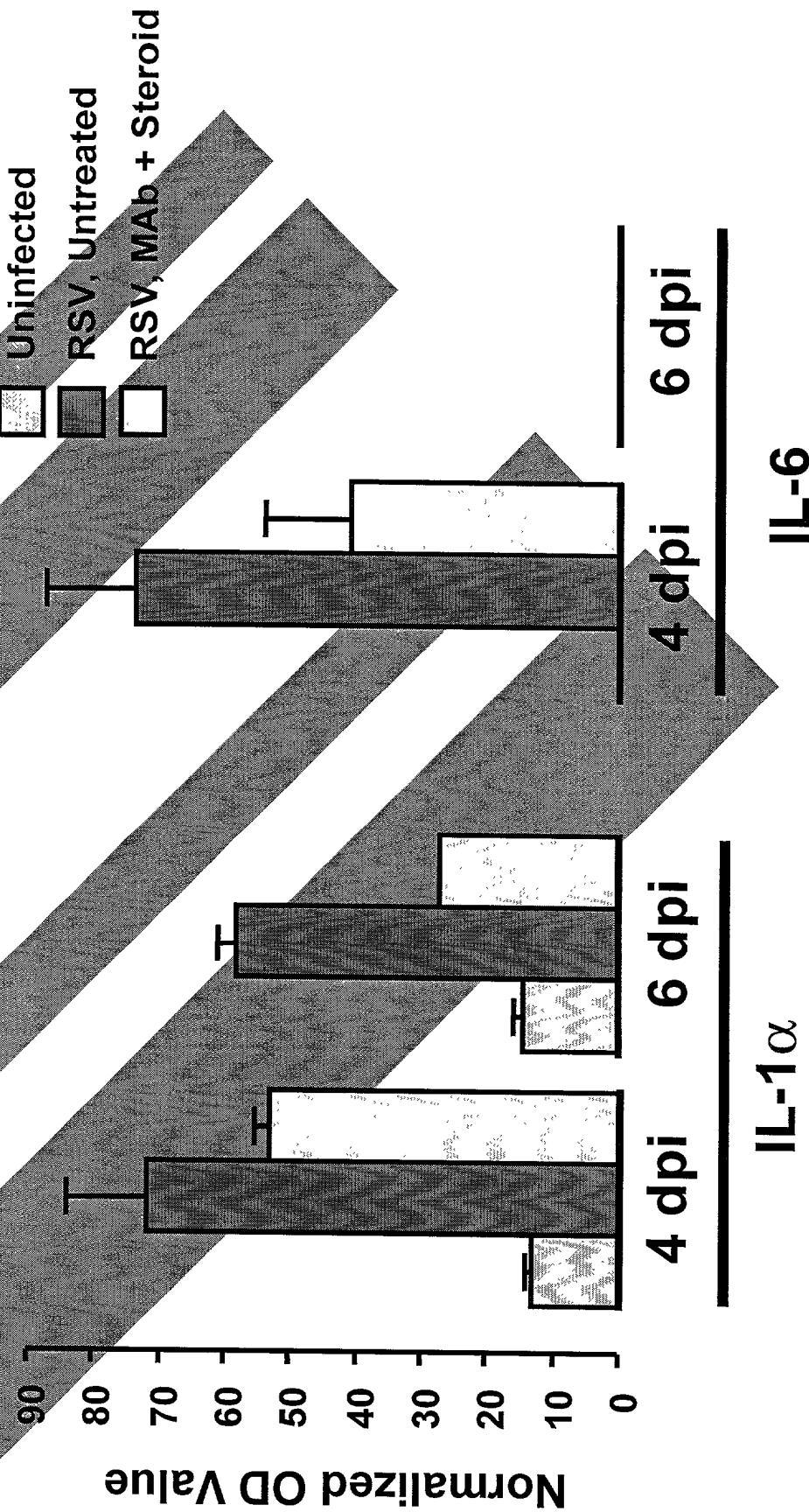
RPA's of RSV-Infected Cotton Rat Lungs



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Fig. 6G

RPA's of RSV-Infected Cotton Rat Lungs

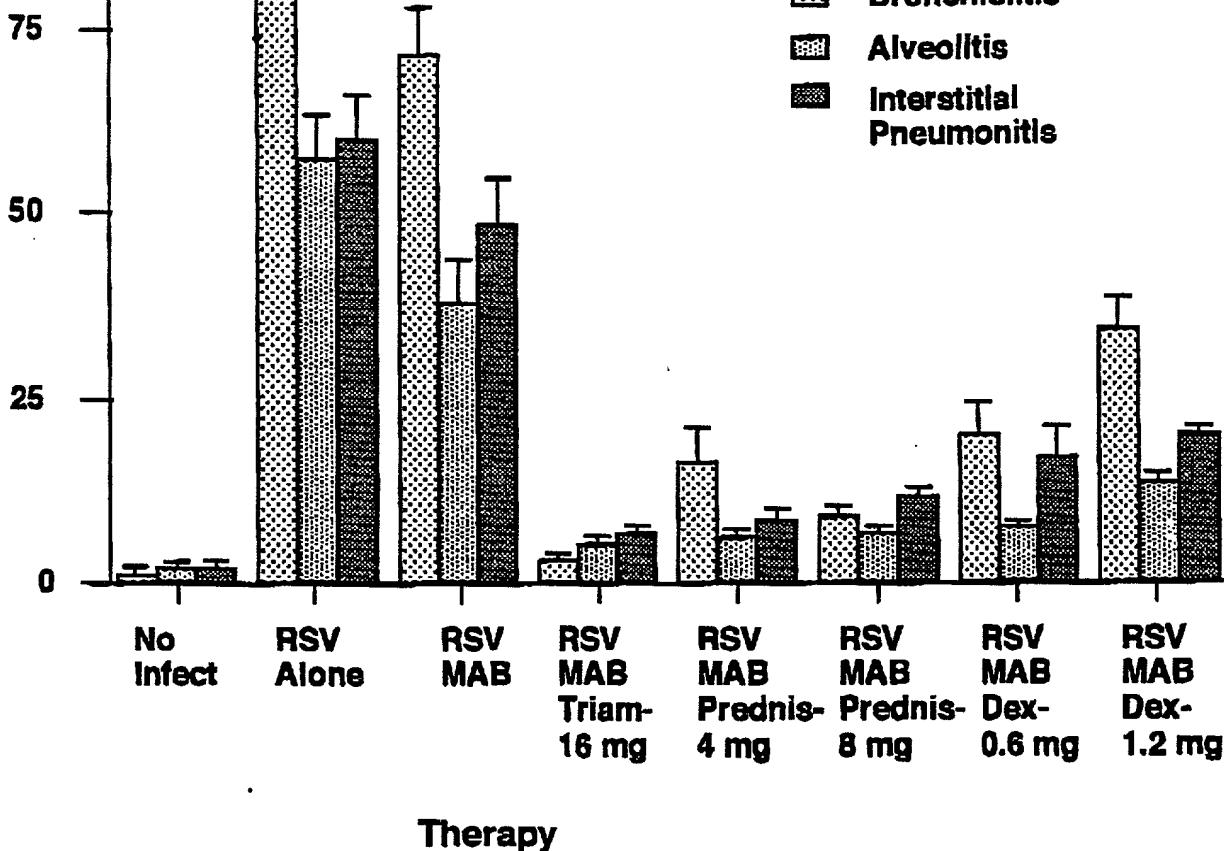


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Pathology Score

Fig. 7A

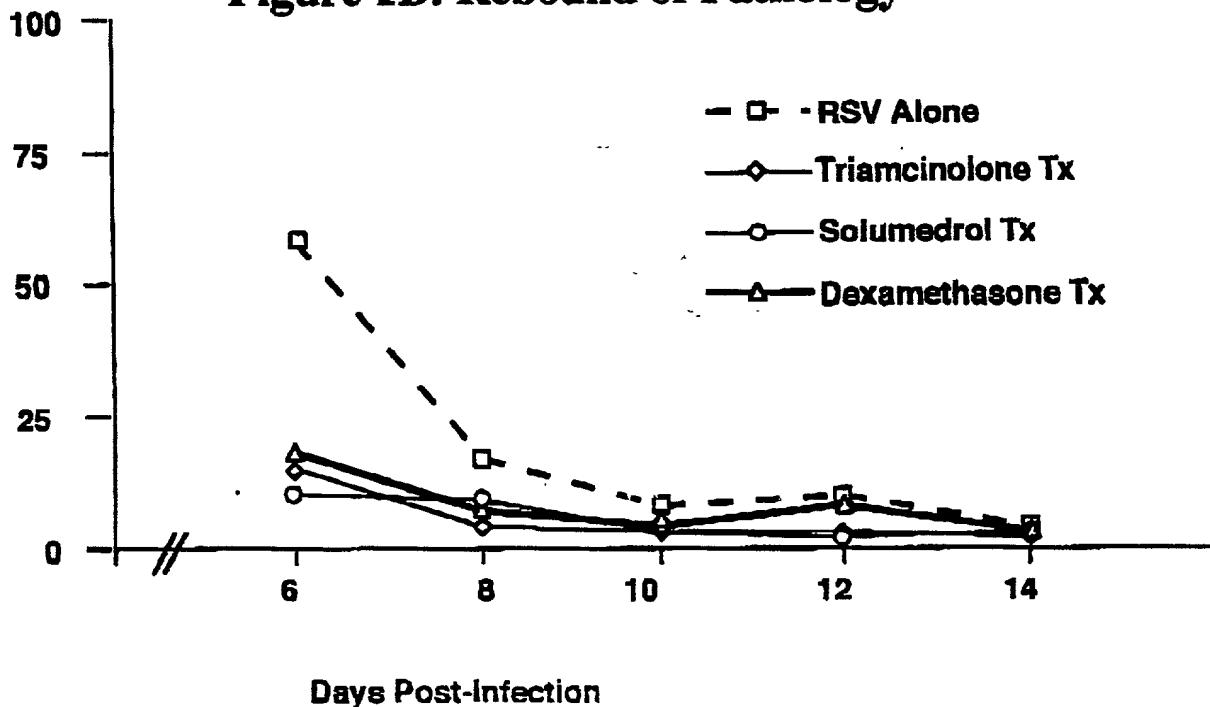
Bronchiolitis
Alveolitis
Interstitial Pneumonitis



Pathology Score

Figure 7B: Rebound of Pathology

— □ — RSV Alone
— ◆ — Triamcinolone Tx
— ○ — Solumedrol Tx
— ▲ — Dexamethasone Tx



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